



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, May 24

9:00 AM PDT



Day 1 (Tuesday): Critical Fire Weather conditions expected across the Sacramento Valley. Minor to Moderate heat risk impacts expected for many inland areas with temperatures well into the 80s and 90s, approaching 100°F to 115°F, with the highest temperatures expected in the southern desert.



Weather Risk Outlook

Regional Operations Center
Western Region
Tuesday, May 24

	Tue, May 24	Wed, May 25	Thu, May 26	Fri, May 27	Sat, May 28	Sun, May 29	Mon, May 30
Fire Weather Low RH / Wind / Dry T-Storms	Inland (Sacramento Valley)	Inland (Sacramento Valley)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes							
Heat	Inland	Inland	Inland	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Cold							
River Flooding							
Wind	Inland (Sacramento Valley)		Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain Flash Flooding / Debris Flow							
Snow							
Coastal Flooding							
Risk Levels	Little to None		Minor		Major		Extreme



Weather Key Points

Regional Operations Center

Western Region

Tuesday, May 24

- Very warm temperatures will persist across much of the state this week, with the potential for a few record-setting high temperatures, particularly on Wednesday
 - The hottest days will be today through Thursday, when readings will approach 100°F across the Central Valley, will reach well into the 90s for interior southern California, and range from 105°F to locally 115°F across the southeast deserts
 - Moderate heat risk impacts are likely during this time, especially for the afternoon and early evening hours
 - Locally high heat risk is possible for portions of the Sacramento Valley on Tuesday and Wednesday
- Winds will remain locally breezy for many foothill and mountain locations, bringing numerous periods of localized elevated fire weather conditions. Critical fire weather conditions are also likely across the Sacramento Valley Tuesday through Wednesday morning
 - Strong, gusty winds are also possible in the Kern County Desert Thursday and Friday
- No precipitation is expected for the majority of the state the next 7 days, though some light showers are possible across far northern California for the weekend



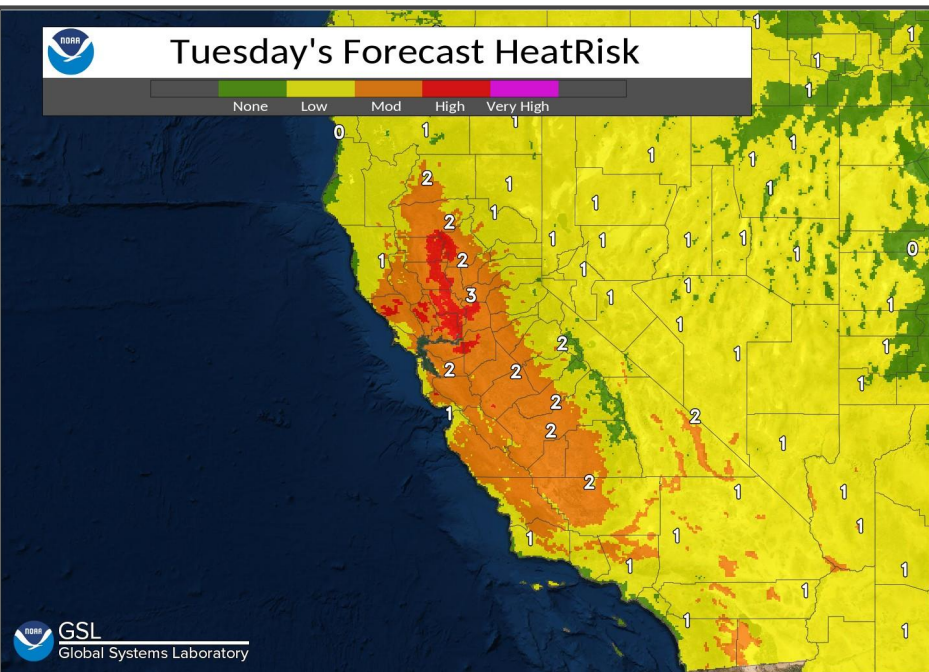
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Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.



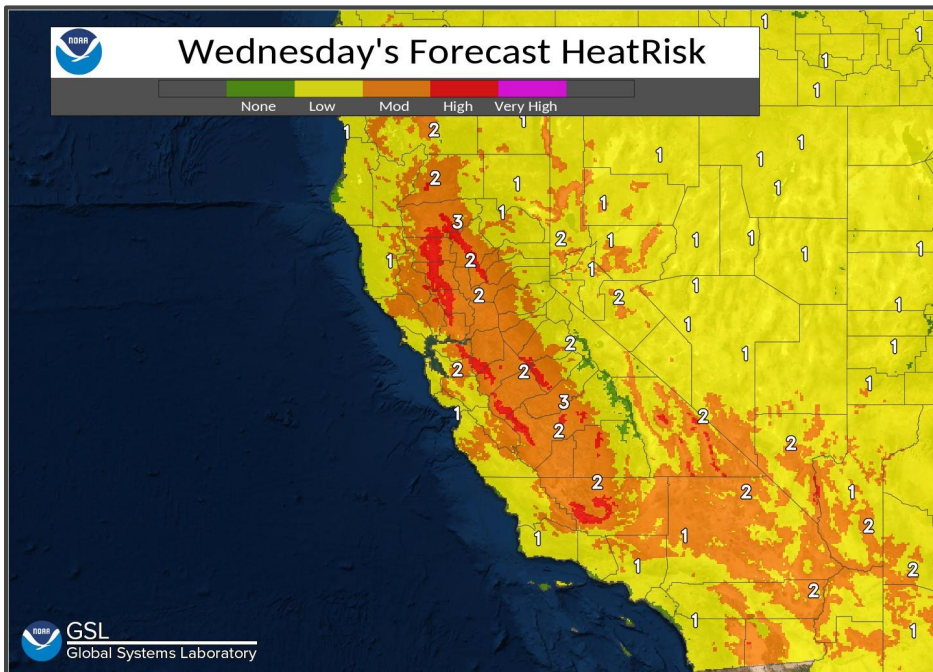
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High



Green Level 0 No Elevated Risk

Yellow Level 1 Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration

Orange Level 2 Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red

Level 3

High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration

Magenta

Level 4

Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Heat Risk

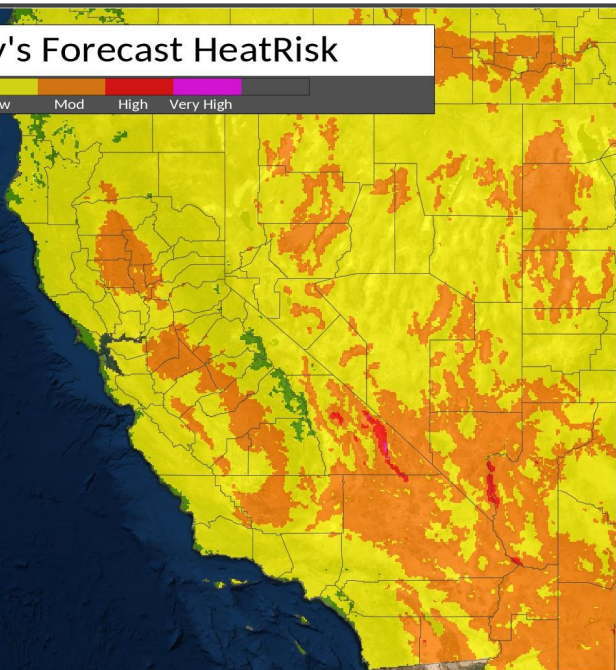
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Thursday's Forecast HeatRisk

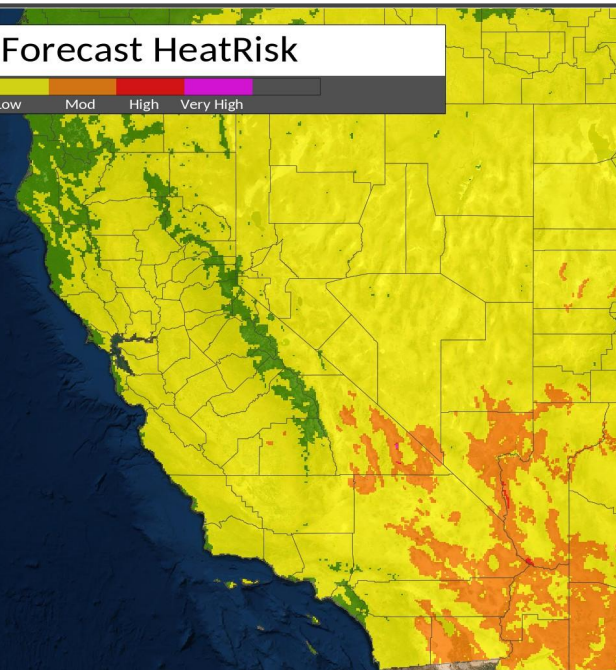
None Low Mod High Very High



GSL
Global Systems Laboratory

Friday's Forecast HeatRisk

None Low Mod High Very High



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Global Systems Laboratory

Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



Weather Outlook (6-14 Days)

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Tuesday, May 24

6-10 Day Outlook (May 29 - June 2)

Temperatures

- Above normal temperatures are favored across much of the state, except near normal temperatures favored along the Nevada, Oregon and Arizona borders

Precipitation

- Below normal precipitation is favored for central California, with near normal precipitation favored elsewhere

8-14 Day Outlook (May 31 – June 6)

Temperatures

- Above normal temperatures are favored across much of central and southern portions of the state, with below normal temperatures slightly favored across far northern California

Precipitation

- Below normal precipitation is favored for central California, with near normal precipitation favored elsewhere



Risk Assessment Matrix

Regional Operations Center

Western Region

Tuesday, May 24

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

